

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1-8 (canceled)

9. (original): A method of employing fuses and circuit breakers with a power distribution bus, comprising the steps of:

inserting a fuse with an alarm connector in a first location connected to the bus for receiving power from the power distribution bus;

inserting a circuit breaker with a pair of alarm connectors in a second location connected to the bus for receiving power from the power distribution bus;

inhibiting a response from a first alarm circuit electrically linked to the first location until the fuse is blown; and

inhibiting a response from a second alarm circuit electrically linked to the second location until the circuit breaker is tripped.

10. (original): The method of claim 9, further comprising the step of:

tripping the circuit breaker to deliver power to the second alarm circuit through the pair of alarm connectors.

11. (original): The method of claim 9, further comprising the step of:

blowing the fuse to deliver power to the first alarm circuit through the alarm connector.

12. (original): The method of claim 9, further comprising the steps of:

removing the circuit breaker from the second location;

inserting a second fuse in the second location; and

inhibiting a response from the second alarm circuit until the second fuse is blown.

13. (original): The method of claim 9, further comprising the steps of:
removing the fuse from the first location;
inserting a second circuit breaker in the first location; and
inhibiting a response from the first alarm circuit until the second circuit breaker is tripped.

14. (original): A power distribution bus alarm circuit, comprising:
a first and a second socket, each having three alarm connections and two power connections;
a first alarm circuit connected to first and second alarm connections of the first socket, the alarm circuit being responsive to a voltage being applied from the first of the three connections of the first socket and being responsive to a voltage being applied across second and third connections of the first socket;
a second alarm circuit connected to first and second alarm connections of the second socket, the alarm circuit being responsive to a voltage being applied from the first of the three connections of the second socket and being responsive to a voltage being applied across second and third connections of the second socket;
a voltage source electrically connected to third alarm connections of the first and second sockets;
a fuse positioned in the first socket, the fuse electrically interconnecting the two power connections and isolating the first alarm connection from the power connection when in a non-blown state;
a circuit breaker positioned in the second socket, the circuit breaker electrically interconnecting the two power connections when in a non-tripped state and electrically interconnecting the second and third alarm connections when in a tripped state.

15. (original): The power distribution bus alarm circuit of claim 14, further comprising:

a first conductive path leading from the first alarm connection of the first socket to the first alarm circuit;

a second conductive path leading from the first alarm connection of the second socket to the second alarm circuit;

a third conductive path leading from the second alarm connection of the first socket to the first alarm circuit; and

a fourth conductive path leading from the second alarm connection of the second socket to the second alarm circuit.

16-45 (canceled)